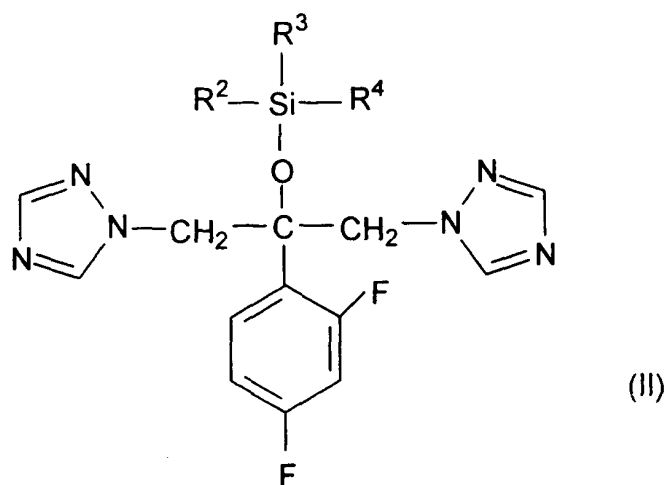


## ABSTRACT OF THE DISCLOSURE

A new process is disclosed for the synthesis of fluconazole monohydrate and for crystal modifications of fluconazole which comprises the step of hydrolyzing a silyl ether of the formula (II)



wherein

$R^2$  is hydrogen, or a  $C_1$  to  $C_{10}$  alkyl or phenyl group,  $R^3$  and  $R^4$  independently of each other are a  $C_1$  to  $C_{10}$  alkyl or phenyl group in an aqueous solution, preferably at a pH below 3 or above 8.